

# NEW SUBSPECIES OF *NARATHURA BAZALUS* AND *TAJURIA DOMINUS* FROM MINDANAO (LEPIDOPTERA : LYCAENIDAE)

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## *Narathura bazalus asagiae* H. Hayashi. ssp. nov. (Figs. 1-4, 7-10)

♂. Upperside almost black and the existence of purplish tinge too feeble to perceive, so it is quite difficult to distinguish black borders. Black border 3 mm at apex to 2 mm mid termen, broadly extends inwardly below space 2 toward dorsum on forewing. On hindwing black border very broad, occupying almost upper half. Underside dark brown, with powdered whitish violet scales in forewing apex and on hindwing. Spots darker than ground colour, and edged with whitish purple lines outwardly. Forewing discal spot in space 4 not nearer to termen than to the cell-end spot. Hindwing discal spot in space 6 outwardly concave. Spots mid space 7 and mid cell wide apart.

Forewing length 21 mm.

♀. Upperside forewing purple blue, with broad black border. Hindwing black. Underside markings as in male, but ground colour paler than male.

Forewing length 22 mm.

Distribution : Mindanao

Holotype ♂, Mt. Apo, Mindanao, February, 1978, Kazuya Nakamoto leg. Paratypes 2♂♂, 1♀, same locality and data, K. Nakamoto leg.

Both the holotype and a female paratype are to be preserved in the Osaka Museum of Natural History.

According to W. H. Evans, the nominate subspecies (ssp. *bazalus* Hewitson) is known from Java, Sumatra and Southern Malaya. The present new subspecies resembles most ssp. *bazalus*, but easily distinguishable from that by upperside colouration and the width of black border; ground colour much darker than *bazalus*, and purplish tinge scarcely perceptible; black border broader than *bazalus*.

The subspecific name of this species is dedicated to a daughter of Mr. Fukuo Itoh who is a senior of the collector, Mr. K. Nakamoto.

## *Tajuria dominus mizunumai* H. Hayashi. ssp. nov. (Figs. 5-6, 11-14)

♂. Upperside shining royal blue, with black border very broad at apex on forewing. Black band in distal half of cells conspicuous. Underside brownish grey, with narrow orange postdiscal line white-edged outwardly. Tonal orange areas in space 2 and on lobe separate completely.

Forewing length 15mm.

♀. Unknown.

Distribution : Mindanao

Holotype ♂, Mt. Apo, Mindanao, January, 1978, Takuya Ohtani leg.

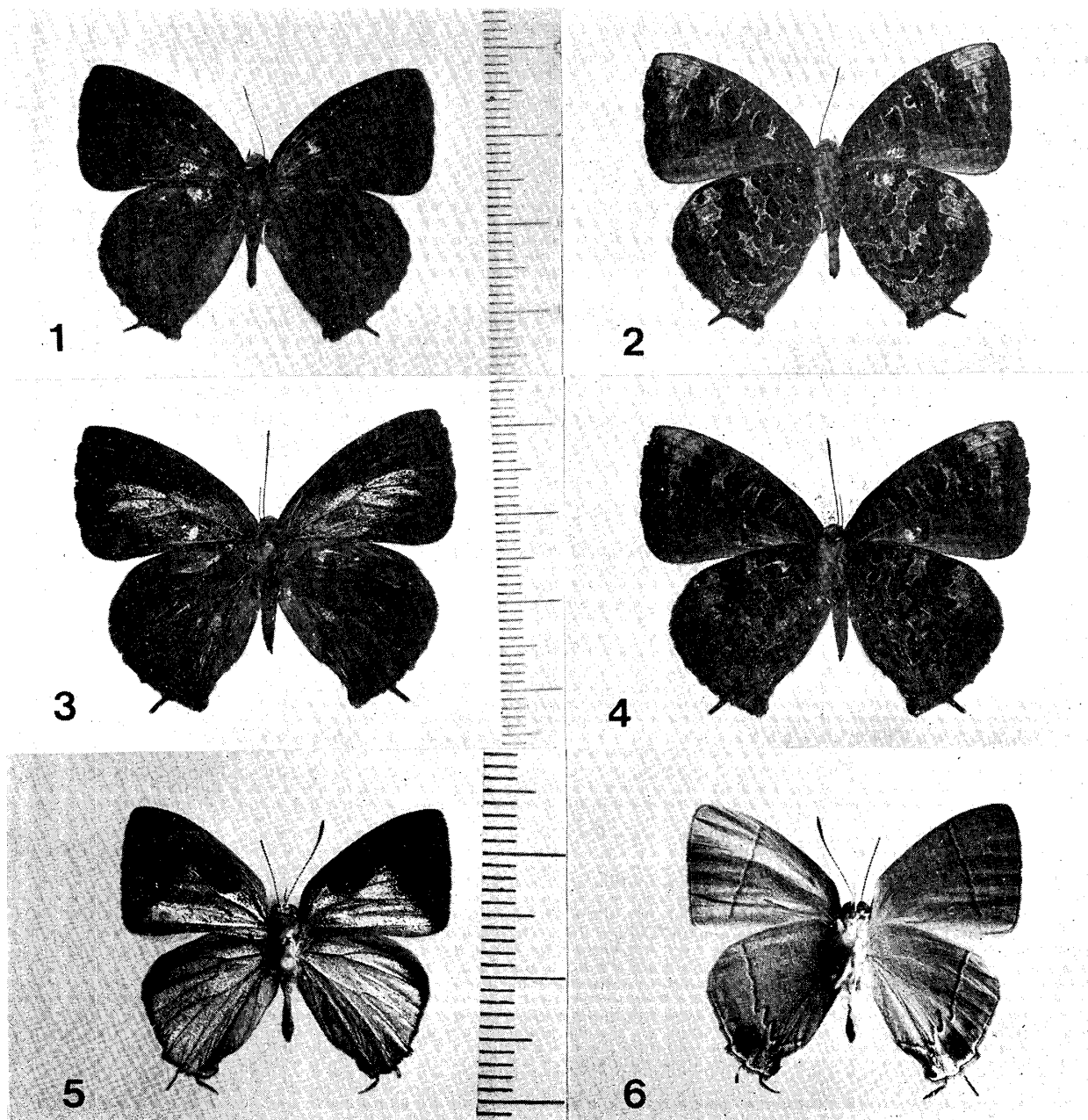
The holotype is to be preserved in the Osaka Museum of Natural History.

On the upperside, the present new subspecies seems not to be distinguishable from ssp. *dominus* H. H. Druce, but, on the underside, the former mainly differs from the latter as follows :

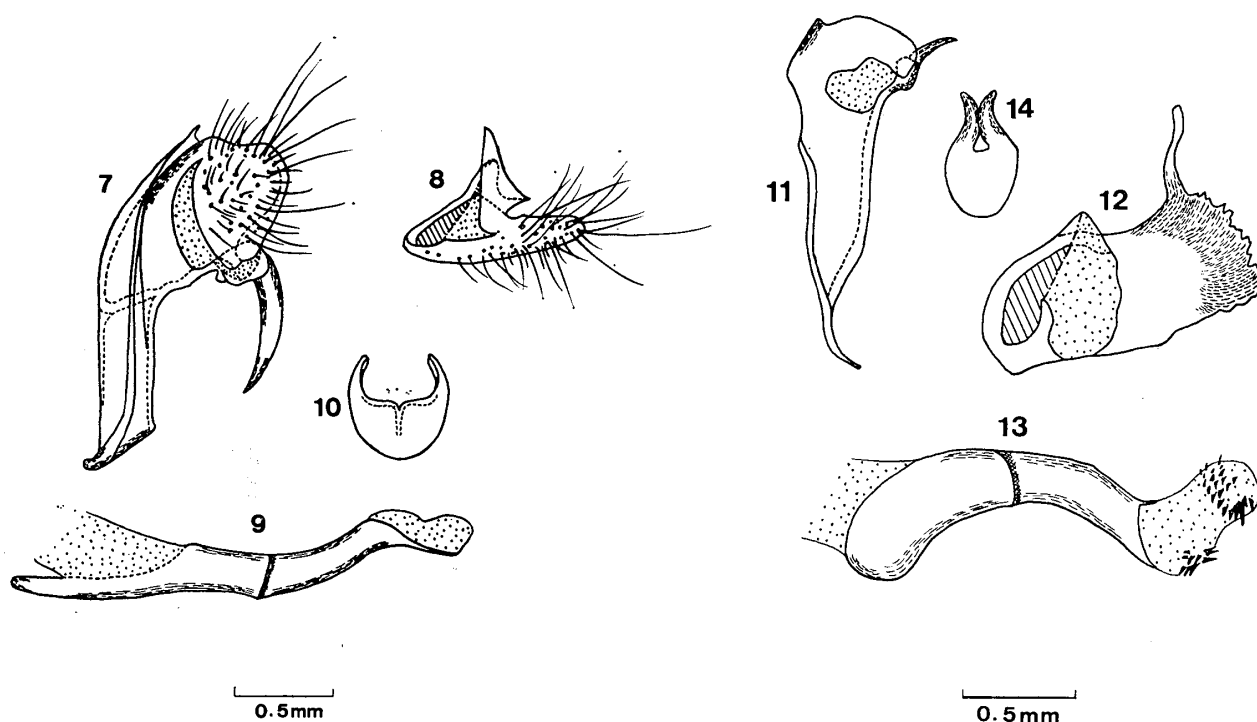
- 1) The tornal orange area much smaller, and the shape of orange area in space 2 almost a circle.
- 2) The tornal orange areas in space 2 and on lobe separated completely, while those in ssp. *dominus* more or less linked together.

The male genitalia of this new subspecies are quite different from those of ssp. *dominus* figured by Corbet and Pendlebury (1956). But, according to them, ssp. *culta* Nicéville and ssp. *dominus* are hardly distinguishable on facies, although the male genitalia are quite different.

The subspecific name of this species is dedicated to Mr. Tetsuo Mizunuma who offered the privilege of studying the material that had been given to him by the collector, Mr. T. Ohtani.



Figs. 1-2. *Narathura bazalus asagiae* ssp. nov., holotype ♂.  
 Figs. 3-4. ditto paratype ♀.  
 Figs. 5-6. *Tajuria dominus mizunumai* ssp. nov., holotype ♂.



Figs. 7-10. *Narathura bazalus asagiae* ssp. nov., ♂. genitalia:  
 (7) Lateral aspect of ring; (8) Inner aspect of right-hand  
 valva; (9) Lateral aspect of phallus; (10) Juxta.

Figs. 11-14. *Tajuria dominus mizunumai* ssp. nov., ♂. genitalia:  
 (11) Lateral aspect of ring; (12) Inner aspect of right-hand  
 valva; (13) Lateral aspect of phallus; (14) Juxta.

#### Acknowledgments

I am very grateful to Messrs. Isamu Hiura and Yorio Miyatake in the Osaka Museum of Natural History who gave me the facilities for inspecting the literature preserved there. My hearty thanks are also due to Messrs. K. Nakamoto and T. Ohtani for their great efforts at collecting butterflies in Mindanao and to Mr. T. Mizunuma for his kindness to give me the opportunity to study the material.

#### 摘 要

大谷卓也氏は1978年1月、中元和哉氏は同年2月にフィリピン・ミンダナオ島でシジミチョウを採集され、大谷氏は水沼哲郎氏を通じ、また中元氏は直接にその研究を筆者に委ねられた。それらの中に *Narathura* および *Tajuria* 属の新亜種を見出したのでここに記載した。

(林 寿一)